

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1-24. (canceled).

25. (previously presented) An apparatus for measuring a value detected from a second label corrected for a value detected from a first label comprising:

a first detection means for detecting a level of a first labeling signal emitted by a first labeling substance, wherein said first labeling substance labels a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions on a carrier of a test piece;

a second detection means for detecting a level of a second labeling signal emitted by a second labeling substance, wherein said second labeling substance differs from said first labeling substance and labels an organism-originated substance that binds to said specific binding substance; and

an analyzing means for measuring a quantity of said organism-originated substance bound to said specific binding substance, based on the detected level of said second labeling signal, corrected for the detected level of said first labeling signal.

26. (previously presented) The apparatus as set forth in claim 25, wherein said specific binding substance is a cDNA polynucleotide.

27. (previously presented) The apparatus as set forth in claim 25, wherein said analyzing means performing said measurement utilizes a correction value calculated for each specific binding substance used in the method.

28. (Currently amended) ~~The~~ An apparatus as set forth in claim 26, for measuring a value detected from a second label corrected for a value detected from a first label comprising:
a first detection means for detecting a level of a first labeling signal emitted by a first labeling substance, wherein said first labeling substance labels a plurality of known different specific binding substances respectively disposed at a plurality of predetermined positions on a carrier of a test piece, wherein said specific binding substance is a cDNA polynucleotide;
a second detection means for detecting a level of a second labeling signal emitted by a second labeling substance, wherein said second labeling substance differs from said first labeling substance and labels an organism-originated substance that binds to said specific binding substance;
an analyzing means for measuring a quantity of said organism-originated substance bound to said specific binding substance, based on the detected level of said second labeling signal, corrected for the detected level of said first labeling signal,

wherein said analyzing means performing said measurement utilizes a correction value calculated from information about 1) the length of the cDNA polynucleotide and 2) the relative frequency of the first labeling substance within each cDNA polynucleotide used in the method.

29. (previously presented) The apparatus as set forth in claim 25, wherein said first labeling substance for said specific binding substances is a fluorescent dye.

30. (previously presented) The apparatus as set forth in claim 26, wherein said first labeling substance for said specific binding substances is a fluorescent dye.

31. (previously presented) The apparatus as set forth in claim 27, wherein said first labeling substance for said specific binding substances is a fluorescent dye.

32. (previously presented) The apparatus as set forth in claim 28, wherein said first labeling substance for said specific binding substances is a fluorescent dye.

33. (previously presented) The apparatus as set forth in claim 25, wherein said first labeling substance for said specific binding substances is a radioactive isotope.

34. (previously presented) The apparatus as set forth in claim 26, wherein said first labeling substance for said specific binding substances is a radioactive isotope.

35. (previously presented) The apparatus as set forth in claim 27, wherein said first labeling substance for said specific binding substances is a radioactive isotope.

36. (previously presented) The apparatus as set forth in claim 28, wherein said first labeling substance for said specific binding substances is a radioactive isotope.